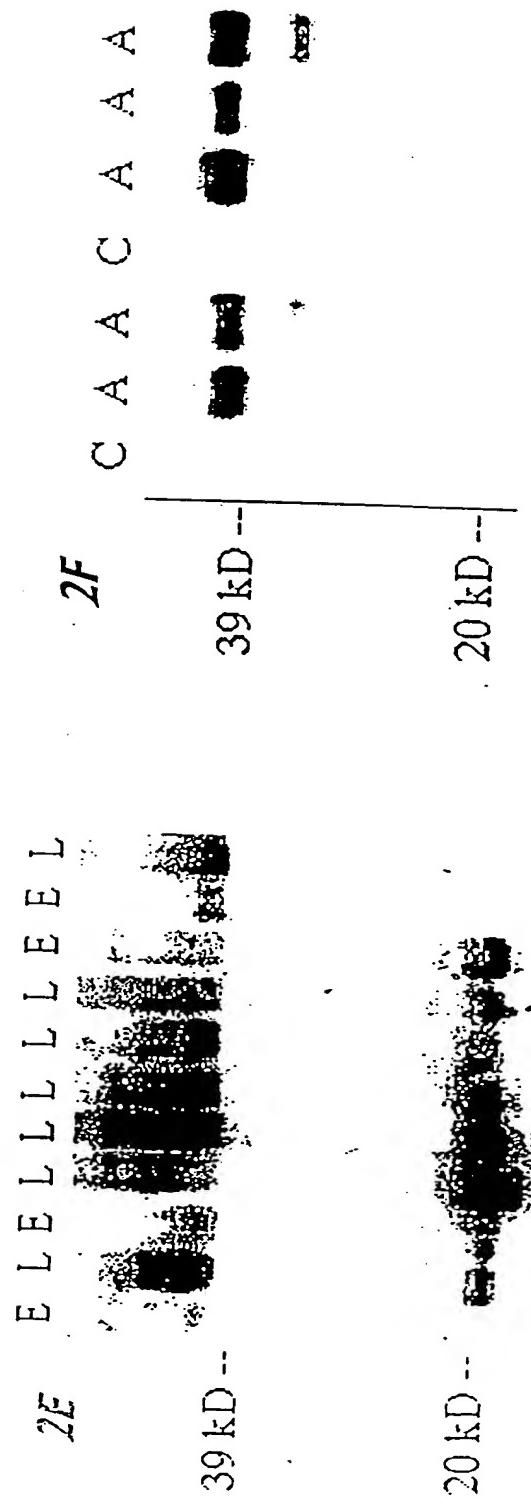
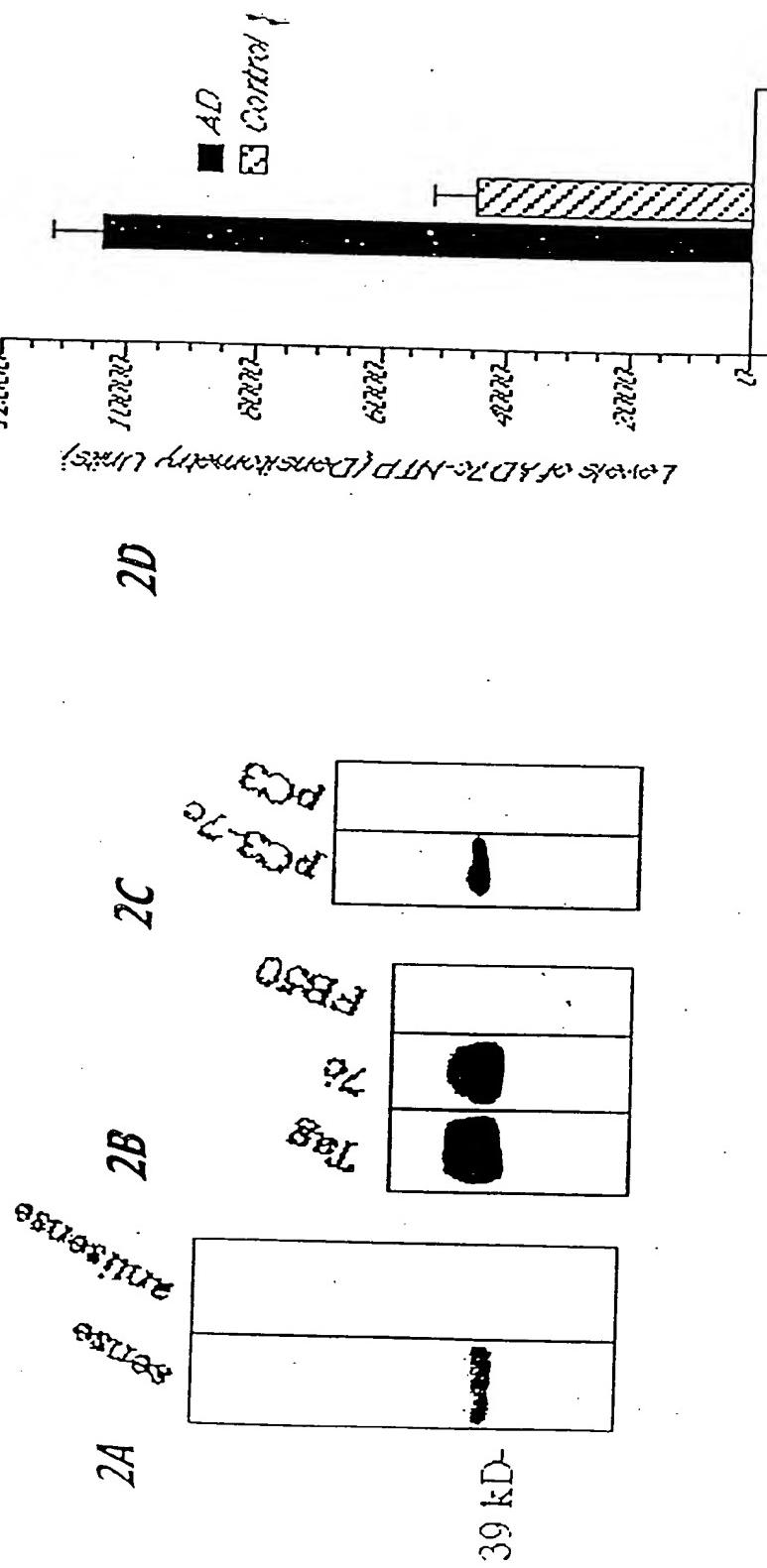


1	ttttttttttttag	ATG GAG TTT TCG CTC TTG CCC AGG CTG GAG TGC AAT GCC GCA ATC	62
1		M E F S L L L P R L E C N G A I	16
63	TCA GCT CAC CGC AAC CTC CGC CTC CGG GGT TCA AGC GAT TCT CCT GCC TCA GCC TCC CCA	122	
17	S A H R N L R L P G S S D S P A S A S P	36	
123	GTA GCT GGG ATT ACA CGC ATG TGC ACC CAC GCT CCG CTA ATT TTG TAT TTT TTT TTA GTA	182	
37	V A G I T G M C T H A R L I L Y F F L V	56	
183	GAG ATG GAG TTT CTC CAT GTT GGT CAG GCT GGT CTC GAA CTC CCG ACC TCA GAT GAT CCC	242	
57	E M E F L H V G Q A G L E L P T S D D P	76	
243	TCC GTC TCG GCC TCC CAA AGT GCT AGA TAC AGG ACT GGC CAC CAT GCC CGG CTC TGC CTG	302	
77	S V S A S Q S A R Y R T G H H A R L C L	96	
303	GCT AAT TTT TGT GGT AGA AAC AGG GTT TCA CTG ATG TGC CCA ACC TGG TCT CCT GAG CTC	362	
97	A N F C G R N R V S L M C P S W S P E L	116	
363	AAG CAG TCC ACC TGC CTC AGC CTC CCA AAG TGC TGG GAT TAC AGG CGT GCA GCC GTG CCT	422	
117	K Q S T C L S L P K C W D Y R R A A V P	136	
423	GGC CTT TTT ATT TTA TTT TTT TTA AGA CAC AGG TGT	482	
137	G L F I L F F L R H R C P T L T Q D E V	156	
483	[REDACTED]	542	
157	Q W C D H S S L Q P S T P E I K H P P A	176	
541	[REDACTED]	602	
177	S A S Q V A G T K D M H H Y T W L I F I	196	
603	[REDACTED]	662	
197	F I F N F L R Q S L N S V T Q A G V Q W	216	
663	[REDACTED]	722	
217	R N L G S L Q P L P P G F K L F S C P S	236	
723	[REDACTED]	782	
237	L L S S W D Y R R P P R L A N F F V F L	256	
783	[REDACTED]	842	
257	V E M G F T M F A R L I L I S G P C D L	276	
843	[REDACTED]	902	
277	P A S A S Q S A G I T G V S H H A R L I	296	
903	TTT AAT TTT TGT TTG TTT GAA ATG GAA TCT CAC TCT GTT ACC CAG GCT GGA GTG CAA TGG	962	
297	F N F C L F E M E S H S V T Q A G V Q W	316	
963	CCA AAT CTC GGC TCA CTG CAA CCT CTG CCT CCC GGG CTC AAG CGA TTC TCC TGT CTC AGC	1022	
317	P N L G S L Q P L P P G L K R F S C L S	336	
1023	CTC CCA AGC AGC TGG GAT TAC GGG CAC CTG CCA CCA CAC CCC GCT AAT TTT TGT ATT TTC	1082	
337	L P S S W D Y G H L P P H P A N F C I F	356	
1083	ATT AGA GGC GGG GTT TCA CCA TAT TTG TCA GGC TGG TCT CAA ACT CCT GAC CTC AGG tgac	1143	
357	I R G G V S P Y L S G W S Q T P D L R	375	
1144	ccacacctgcctcagcctccaaagtgtggattacaggcgtagccacctcacccagccgctaatttagataaaaaat	1223	
1224	atgttagcaatgggggtcttgctatgttgcggcaggctggctcaaacttctggcttcatgcaatcctccaaatgagcca	1303	
1304	caacaccccagccagtcacattttaaacagttacatctttatataactttaaacaaaagctttagagca	1383	
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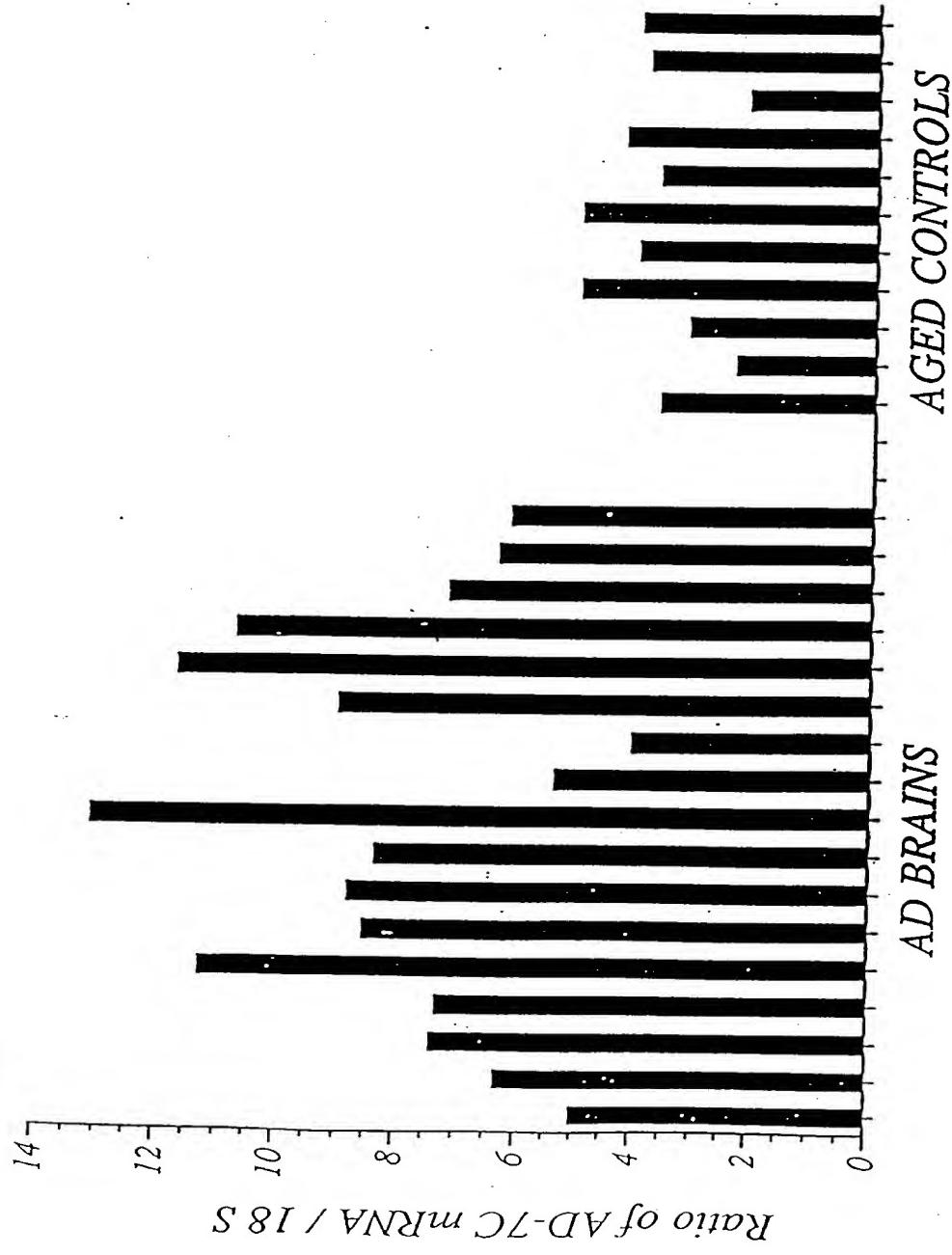
FIG. 1

FIGES: 24-2E 9 9 11 11 6 6 0

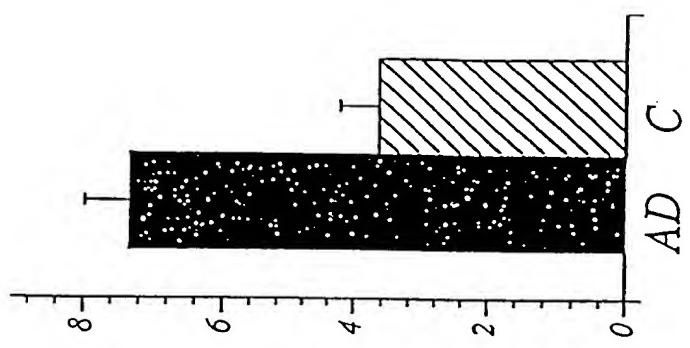


FIGS. 3A-3B

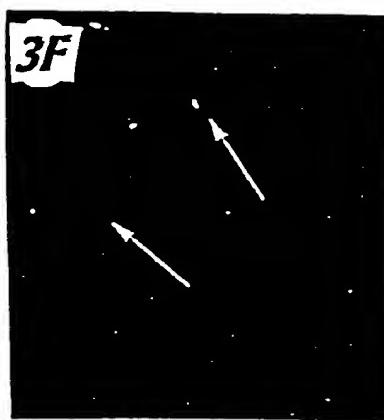
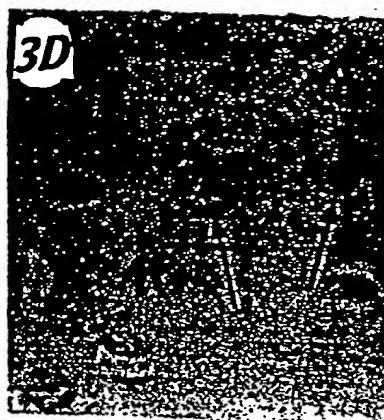
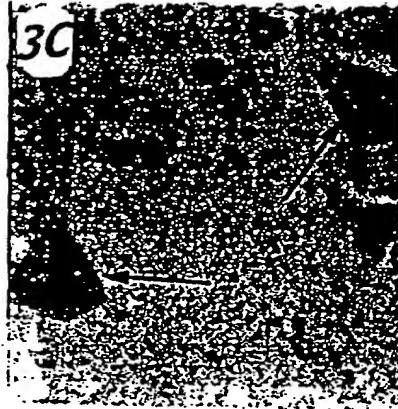
3A



3B

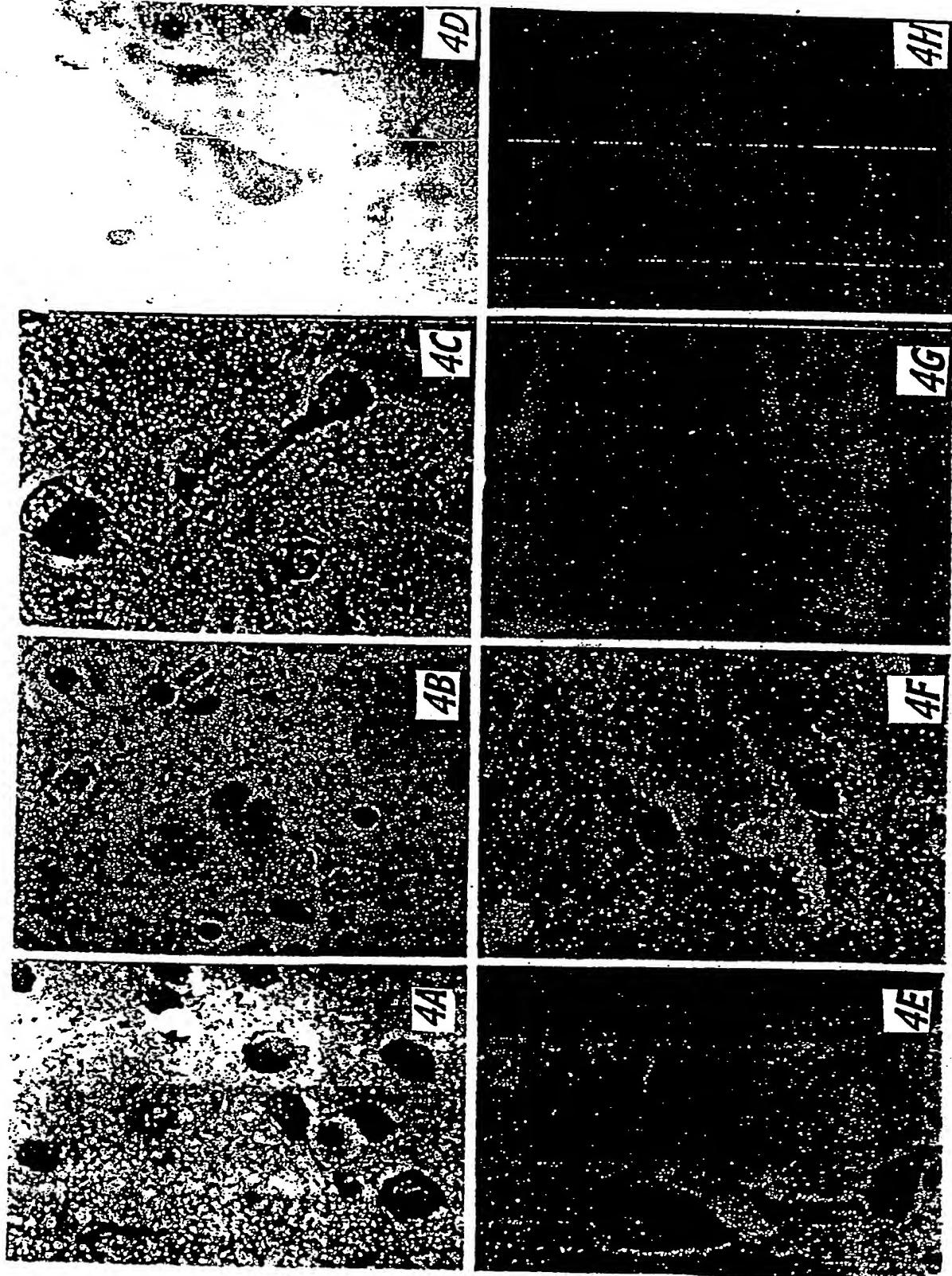


09964652 - 092804

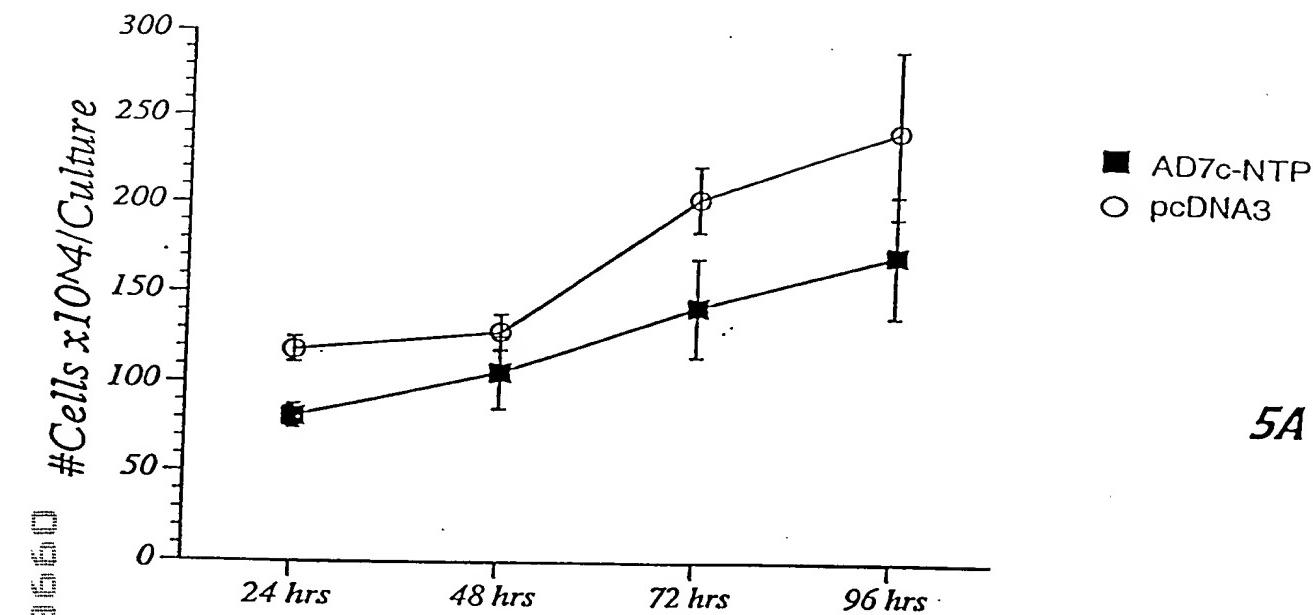


FIGS. 3C-3F

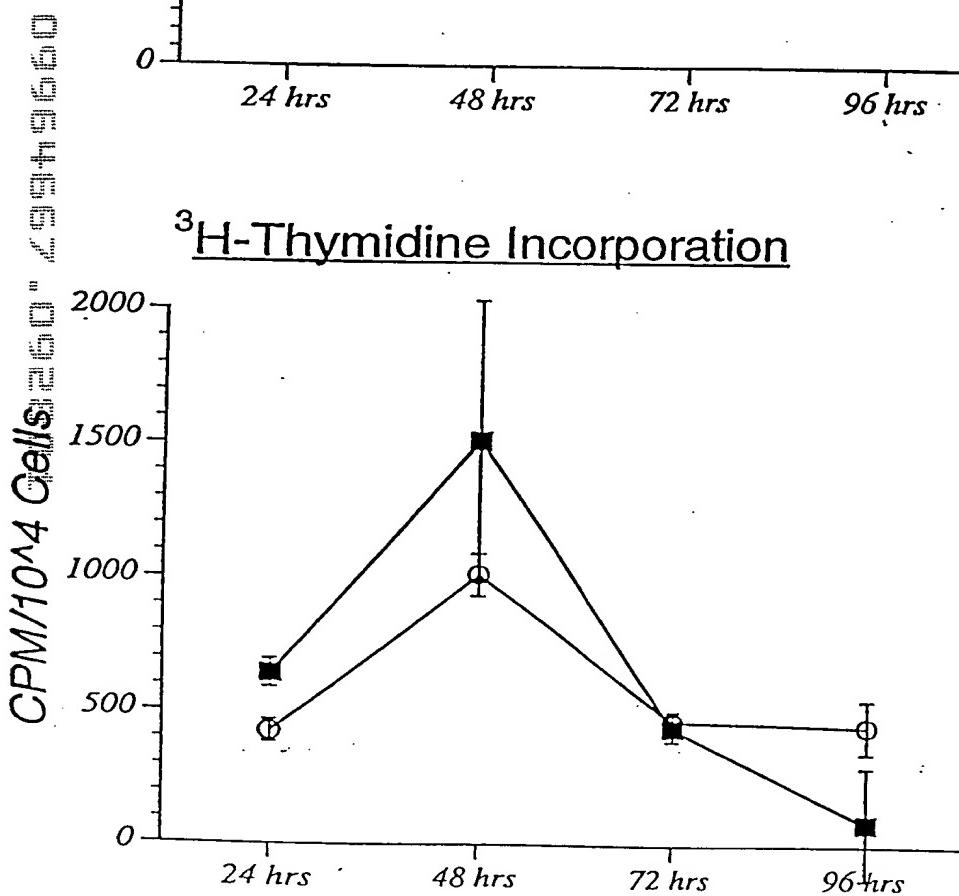
FIGS. 4A-4H



Growth of SH-Sy5y Cells



5A

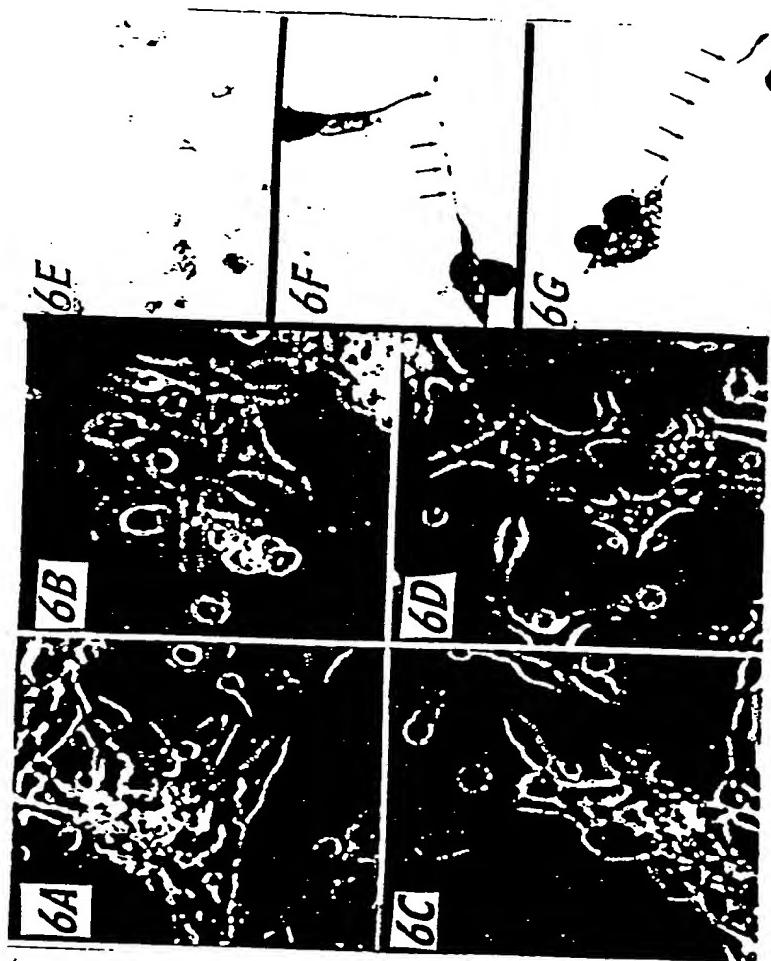


5B

FIGS. 5A-5B

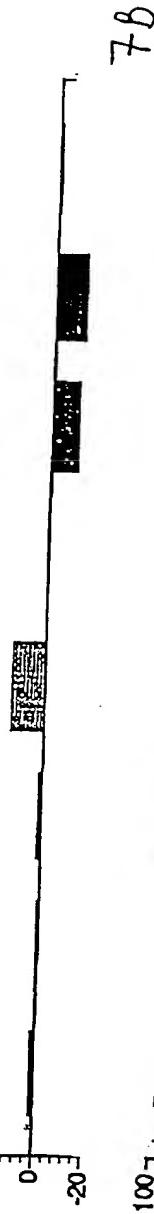
T 0 8 2 6 0 " Z 9 9 + 9 6 6 0

FIGS. 6A-6G



LacA-Control

7A



7B

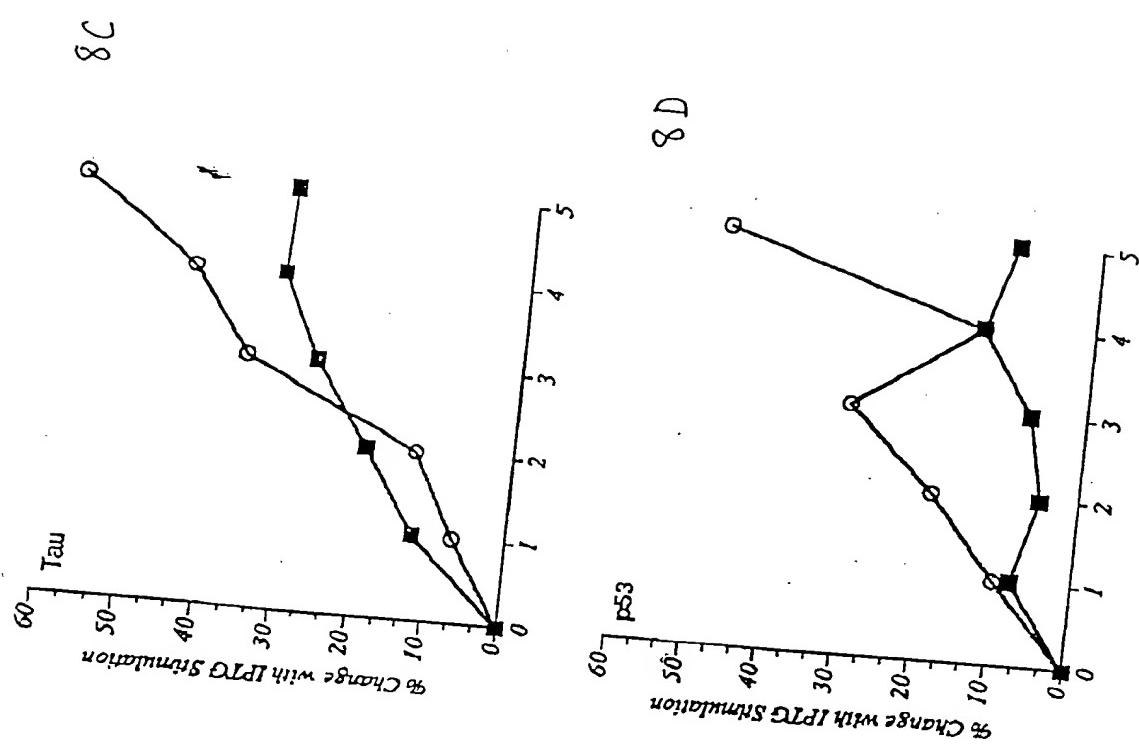
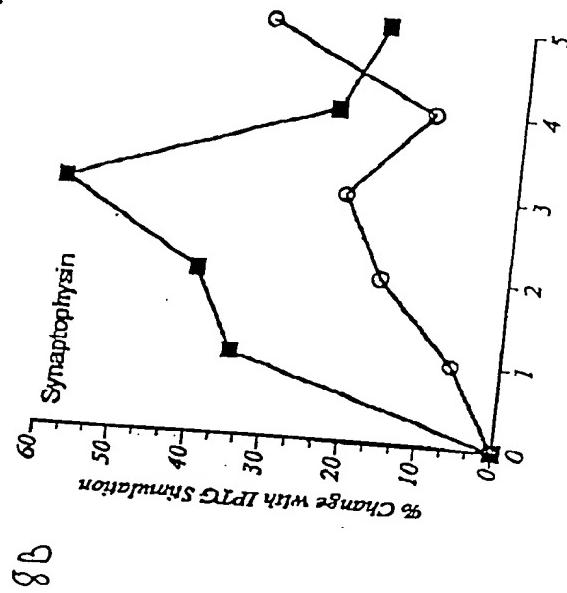
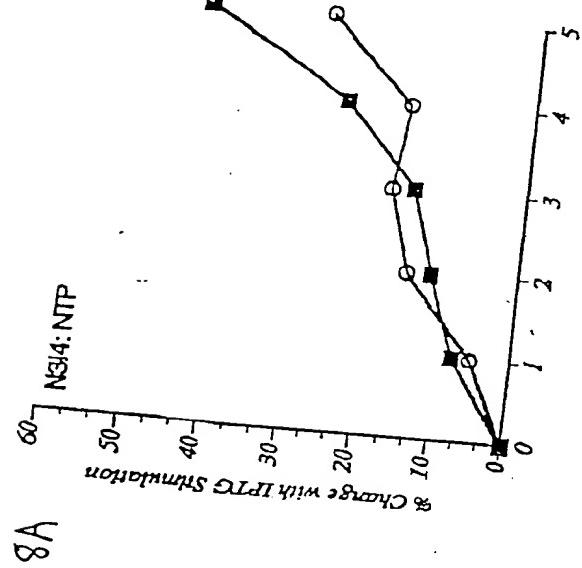
LacB-B6

7C

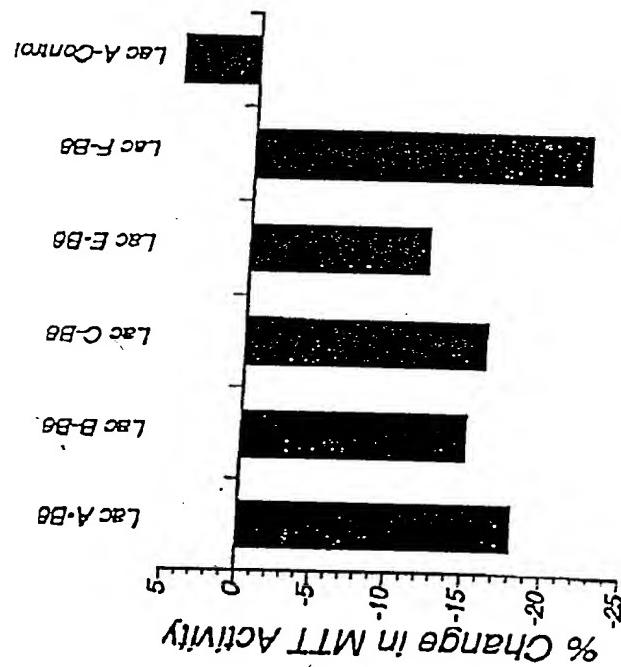
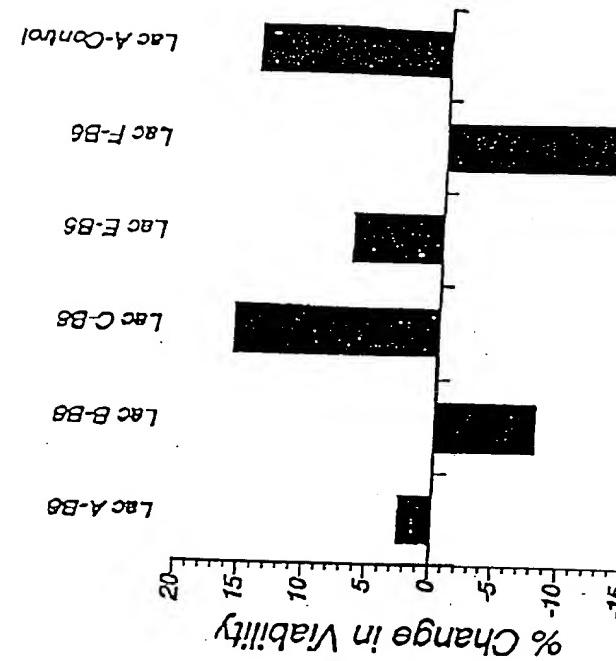
LacF-B6

Percentage Change in Gene Expression 24 hrs. After IPG Stimulation

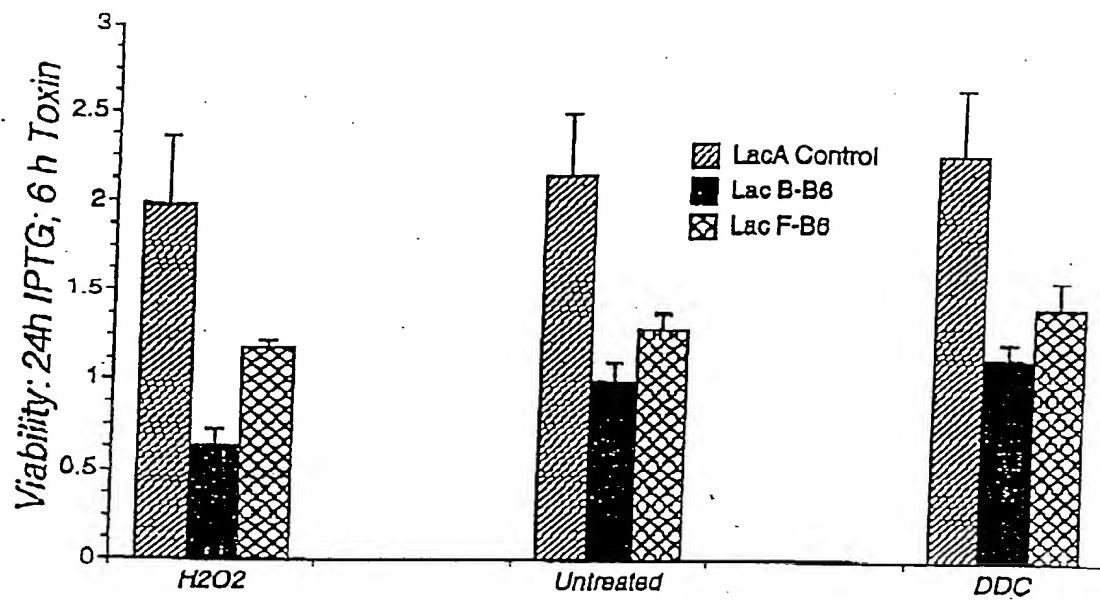
FIGS. 8A-8D



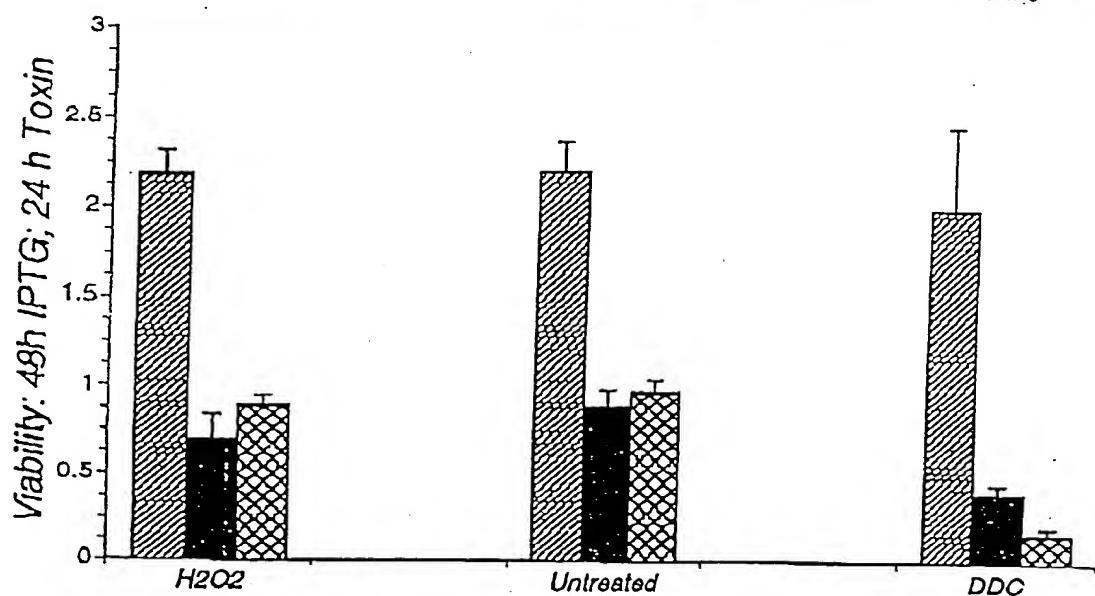
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0



10A



10B



FIGS. 10A-10B

000000000000000000000000

FIG. 11

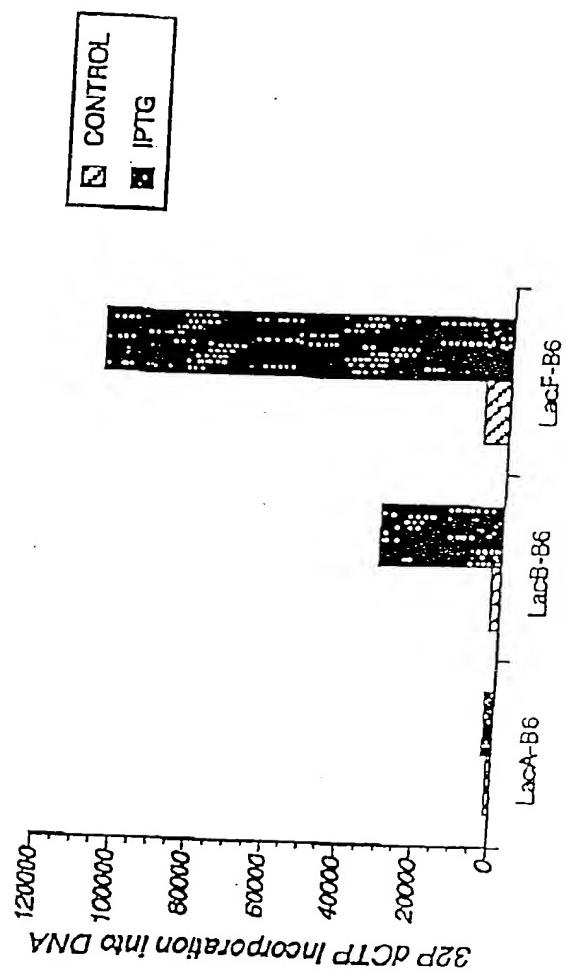


FIG. 12

